

Abstract of the Disclosure

The invention relates to a light grid (1), comprising a predetermined number of pairs of transmitters (7) emitting light rays (6) and receivers (9), which form beam axes, wherein the light rays (6) emitted by the respective transmitter (7) impinge on the receiver (9) if the path of a beam axis is clear. Also provided is a control unit for controlling the transmitters (7) and for evaluating the signals received at the receiver (9) output, wherein an object detection signal can be generated in dependence on the signal received when an object interferes with at least one of the beam axes. A separate bit word is assigned to each beam axis via the control unit, wherein the beam axes can be divided into predetermined regions via at least one bit BLK of the bit words and wherein the object detection mode within this region can be preset by presetting the bit value of at least one additional bit of the bit words for the beam axes within one region.